



The

# GARzette

The Official Newsletter of the Gwinnett Amateur Radio Society  
July 2014      <http://www.gars.org/>      Volume 23, Issue 7



## Another GREAT Field Day!



Our New FD Site (See Page 4)

# Message from the President

We just packed up the last remnants of Field Day 2014 from Harbin's Park! Yet another successful deployment akin to a military operation. Trees were strung for dipoles; tripods were erected for the beams and satellite antennas. Over a thousand foot of coax was run to connect up the 8 primary stations plus GOTA, 6 and 10 meters and satellite, making up our '8 Alpha' category. Generators, AC wiring, and lighting filled out the pavilion and all was set in time for the 2:00 pm start.

Oh, let's not forget food and drink... An impressive line of coolers line almost the entire length of the pavilion filled with ice and essential liquids to keep the crews and visitors hydrated. As early as 6:30 am Saturday workers began filing in to be greeted with coffee and Chick-fil-A biscuits. Thanks to Nick, N0NCQ, there were healthy choices like crescents and fruit served in his beautiful handmade wooden bowls. A quick hot-dog lunch was served around noon with only a short break before all were busy making sure stations were on the air by 2:00 pm. A great BBQ dinner was served Saturday evening but some were glued to their transceivers and had to be jostled loose and forced to eat! Then topping off the evening at precisely midnight was ice cream and brownies. What great timing!

Weather tried to threaten us with continual pop-up rain showers and a "gully washer" early Saturday evening. But the tents and pop-ups hold well and the pavilion stayed dry. The high bands shut down but the low bands continued on through the night. Some went home for some much needed shut-eye and some of us tried to catch a few hours sleep on site. The next exciting event was Earl's famous burrito breakfast. (Yea, I keep going on about food but it was exciting to me. I've been on a diet for the past 6 weeks.) Contacts continued to be made Sunday morning but we began breaking down non-essential equipment around noon and the work began again. The



evening had been cool and damp but by lunch time (more food references) the heat began to pile on. Care in breakdown and packing help to make next year's Field Day much easier for the next crew. By 3:00 pm Sunday the pavilion looked strangely empty. At one point the count was a little over 50 people present but I'm sure we hit 75 at the peak.

Please extend your thanks to David, KK4KAF, for holding the title of Field Day Chairman and doing an exemplary job at planning and deploying this event. Countless hours go into this job and David continues to pull us through to the top every year. And a special thanks to Earl, AF4FG for orchestrating and delivering all the food! What a great job. And thanks to all who participated and sweated to put this all together, run it, and tear it all down at the end.

Special Thanks and 73s,

*Rick, N4XXY*

**"It is not the class of license the Amateur holds, but the Class of the Amateur that holds the license."**

[Author Unknown]



# GARS July Meeting

## "First Person View, the Ultimate Hobby Drone "

By KK1UAV, Ludovic Francis

*Tuesday July 8, 2014*

**Meetings are held on the 2nd Tuesday of each month at 7pm.**

**(except December)**

**at**

**Sports Aviation Complex - Hangar 1**

**690 Airport Road**

**Lawrenceville, GA 30045**

[Directions](#)

### **GARS Communications**

#### **Check out the following:**

Website of the Month - Pg 10

Randy's (K4HS) story - Pg 7

App of the Month - Pg 15

2 Meter Repeater  
147.075(+) MHz  
82.5 PL Tone

APRS  
144.390 -- 1200 Baud  
W4GR

D-Star  
WD4STR  
145.060 + (1.4 MHz)  
440.550 + (5 MHz)

Main Repeater Site  
Oak Street,  
Lawrenceville

2 Meter Repeater  
147.255(+) MHz  
107.2 PL Tone

6 Meter Repeater  
53.110 (-1 MHz)  
82.5 PL Tone

70 Cm Repeaters  
444.525(+) MHz  
82.5 PL Tone  
442.100(+)  
82.5 PL Tone

Backup Repeater Site  
Lanier Mountain,

**Don't forget to support our advertisers at the back of the GARzette.**

### **A Pagoda That Sent Morse Code**

Bill Cherepy WB4WTN

In a past issue of the Garzette I had written about Morse Code showing up in unusual places such as the Capitol Records building in Los Angeles and Fenway Park in Boston. Recently I just came across an article about the Pagoda in Reading, Pennsylvania.

Commissioned in 1906 at a cost of \$50,000 by William A. Witman, Sr. to cover the damage done by his stone quarry operation, the Pagoda was completed in 1908 and it was originally intended to be a luxury resort atop Mt. Penn. Due to the bank foreclosure and the denial of a liquor license, Witman never opened the Pagoda. By 1910 the Pagoda and surrounding 10 acres were deeded to local business owner, Jonathon Mould and his wife, Julia (Bell). On April 21, 1911 they "sold" the Pagoda to the City of Reading for the sum of \$1. Since then the Pagoda has been owned, loved and cared for by the citizens and City of Reading.

Before the days of radio broadcasting, lights flashed as signals to the people of Reading. Morse Code was used to direct fireman, promote fundraising campaigns and give the public results of sporting events. A white light represented a dash, while a red light was a dot. A white steady light meant the station was not occupied. A white and red light meant the station was open and prepared to operate. If both lights flickered, a message was about to be sent. If there was a white steady light and a flickering red light, an error was made and the message was being corrected. A steady red light and a flickering white light meant that urgent action was needed for the subject being broadcast by the lights.

I have to wonder just how many of the residents of Reading were able to copy Morse Code.

# Pictures of Field Day 2014



# Reflections on FD 2014

*"Find a Good Teacher,  
Be a Good Student -"*

A fan once asked Jack Nicklaus, "What's the secret to becoming a great golfer?" He answered, "Find a good teacher, and be a good student."

The same is true in Ham Radio. If you want to become a great ham operator, find a good teacher, and be a good student.

As Field Day approached, I thought about what I wanted to accomplish on Field Day 2014. I decided to operate a PHONE station, which I had done before, and to operate a DITIGAL station, which I had *never* done.

To accomplish these two goals, I signed up to work with Norm Schklar (WA4ZXV) on the 40m phone station (phone) and to work with Ray Bailey (N4GYN) on his 40/20 meter digital station. While I logged for Norm, I learned how to get the most calls logged, namely, PERSISTANCE.

And then I worked with Ray. I had told Ray up front that I had never done digital before. So, thirty minutes before I was scheduled, he brought me over to watch Eddie (AK4WM) operate while he explained what Eddie was doing. Then I sat down to operate with Ray at my elbow coaching me. It was maddening at first trying to master Ray's macros, and get the program to work the way he'd set it up to work, but by the end of the hour I had a pretty good rhythm going that I can build on the next time I do digital. I learned how the macros worked. I learned how to watch the meter at the bottom of the page to see when the radio transmitted my signal (macro #1). I learned what an answering signal looks like. I learned how to answer the incoming transmission (macro #4). I learned how to send my information to the answering station (macro #2). And when the contact was over I learned how to log my contact and send out QRZ (macro #3). (Macro #3 was the last one I grasped.)

All this brings me back to my original point, "*Find a good teacher, and be a good student.*" The first part is easy. The Gwinnett Amateur Radio Society is full of good teachers who are willing to show you anything that they know. I've known this since the first GA QSO Party I attended just after I'd gotten my Tech License when Paul Kelly (W4KLY) waved me over to his CW station to show me what he was doing. The hard part is being a good student. This requires a dose of humility on the student's part. Good teachers will "push" you beyond your comfort zone. Sometimes they'll get frustrated with you and let you know it, but always remember; if you stick with them, they'll teach you how to operate well, and then you can pass on what you've been taught to the next generation of hams that comes after you, and that's what I plan to do.

*Bill Grimes, KK4AUA*

# “Pathfinder” Program

**LAST MONTH**, page 3 of the GARzette mentioned an upcoming “Boy Scouts of America Opportunity”. Here are a few reports about that event, called the Pathfinder Program.

The event was held at the [Scoutland Reservation](#) near Gainesville. On Wednesday, June 18th, I was privileged to teach the Radio Merit Badge Class for one day, with 5 scouts attending. This was the first of several Radio Merit Badge classes to be given this summer, and my first attempt at teaching it. The facilities were really nice, in a building with air conditioning, an overhead projector, and a nice big screen for viewing the [PowerPoint presentation](#) prepared by previous teachers. Jeff Cutchins, AB4HF assisted me in putting up an End-Fed Dipole when we got there, with just enough coax to get inside the building and connect to a donated Kenwood TS-450S transceiver for a later demonstration of Amateur Radio communications.

The participation was good and I believe the scouts really enjoyed themselves as they learned all about the basics of radio communications. The band conditions weren't really good, so we didn't get to do any DX, but we did chat with a few stations up and down the eastern half of the country.

There were a lot of good questions; ones that really made me think hard about how to explain HF propagation and Line-of-Site versus Repeater communications. Near the end of the class we let them use our HT's to communicate with us on 2 meter FM simplex. The really enjoyed that with Jeff letting them use his callsign (as third party traffic) to call me and learn how we initiate and conclude a QSO.

Later in the week, Carter Wood, AG4LK, taught the class and sent me an email with pictures to help tell the story:



“WB2OGY - with Scouts at Radio a Merit Badge. We had nine on Wednesday and now 14 today. Add that to your count last week for the total. Great HF today. First QSO was Montana.”



“Things got better as the day wore on. A Scout who was too sick to do small boat sailing and three boys whose class failed to meet for some reason joined our session. After Lunch Ray (not N4GYN) fired up my 450SAT and we all QSO'd the Canary Islands. I expect that radio will become a staple at Pathfinders as it already is at Advance-A-Rama and JOTA.”



“OMG ! He's even got a radio under the seat. How cool is that ? A very well installed 2m/440 rig. ” ... Quotes by Carter Wood, AG4LK

A note from Steve, WB2OGY... “We had a great day today and made some great contacts. KD6CYS, Claude in San Diego spent some time talking to the boys and they saw some DX when I worked EA8TL in the Canary Islands. We had a good Geography lesson when Carter brought up the Map on Google. One 11 year old is getting ready to take his Technician exam. He and some others may visit us at Field Day or the next meeting. 73, Steve - WB2OGY”

*Ray Bailey, N4GYN*

# Nearly 50 Years In Ham Radio

## Closing in on 50 years in Ham Radio – A Brief History of a Never Ending Experience By Randy Drescher, K4HS

I'm proud to be a "baby-boomer", and I have fond memories from growing up in the 1950's and 60's. I was born in Lynn, Massachusetts just outside of Boston in 1951, and I lived in a small peninsula town called Nahant on the ocean and across from Boston Harbor. Early in 1963, we moved west of Boston to a town called Sudbury which is not far from Lexington and Concord. There I played a lot of sports, became a fanatical Beatles fan which holds to this day, flew a lot of model rockets, and had a lot of friends.

My father had a career spanning over 35 years with Ford Motor Company. I came along later in his life, and he was 45 when I was born. He did a lot of traveling throughout New England and was usually home on the weekends. I remember in the basement in the first house in Nahant there were large 5-6 foot racks of radio gear (mostly transmitters) but he was inactive with all the travel. I would later come to learn that he was a Ham Radio operator, and actually received his first license in 1924 which was signed by the then Secretary of Commerce Herbert Hoover. His first call was 1IM since they didn't have prefixes then as most of you know from reading about the 100<sup>th</sup> anniversary of ARRL. I still think I have that original license in a safe. I would later come to learn that he had originally used a spark-gap, but I don't remember any of the particulars about it.

After a hiatus from the hobby (which his son would later become equally famous for), he became W1JPW. As WWII came closer, my dad was transferred out to Willow Run in Michigan in 1942. Willow Run has an interesting history, and I would encourage you to "google" it. Willow Run was an airport, and Henry Ford was encouraged to and built a massive plant there with primary responsibility being construction of the B-24 bombers. My father was responsible for all the radios on those bombers including the BC-348 receivers which would coincidentally become my first short-wave/Ham Radio receiver. One minor thing – Willow Run was also where he met my mother.

We're going to march ahead quickly in time to 1965. My father developed serious eye problems – bad cataracts, extreme glaucoma, and he had to take an early

retirement at the age of 59. We relocated to Sarasota, Fl. In 9/65. He would ultimately become hooked back into Ham Radio and would hook me as well. I don't remember how I got it, but my first receiver in 1966 was a BC-348J. I became an avid short wave listener and accumulated hundreds of QSL's from broadcast stations around the world – I guess my most prized one was Radio Peking since they hated the US so much at the time. Dad started listening as well, quickly got his code speed back up and eventually went to the FCC offices in Tampa and got his General and upgrades thereafter and he ultimately became K4HS in 1968. I



K4HS in 1967

(Continued on page 18)

# Antenna Launcher Contest

Once again GARS conducted the antenna launcher contest at the Atlanta Hamfest on June 7<sup>th</sup>. Several participants from previous years weren't there this year but six people, all new to the contest, demonstrated how to get a line through a target 35 feet in the air from 60 feet away. Unlike the results of previous years, several actually put their line through the Hula Hoop.

The method used was not limited to any particular launching device and both pneumatic and sling shot launchers were successful. There was no remote control helicopter this year and there was no hand launcher but those who had the pneumatic and the sling shot launchers let others try their devices. Several who tried those devices chose not to participate in the contest but took notes on how to build them. That will give them something to practice with and I think we'll see more folks next year. You should be one of them.

*Earl Whatley, AF4FG*

## May Madness 2014

The May madness contest for 2014 is in the archives. It should be listed as the most successful May Madness event yet since over 60 GARS members participated and three new members finished in the Top Ten. Remember that the purpose of the contest is to encourage old members to learn who the new members are, get new members familiar with older members, get us all talking to each other, and to have fun. We succeeded on all counts.

Once again Jeff, AB4HF, finished with the most points and talked to the most new members. Others gave him a run for the top spot this year most notably Norm, WA4ZXV. Many new members scored well and I think Jeff will have a difficult time winning again next year. It might have been closer this year but not all participants submitted a log. That's one thing we'll have to work on for next year's contest.

The top ten scorers are listed below in no particular order:

Jeff Cutchens	AB4HF
Mike Weathers	ND4V
Allison Lynch	KZ3JFY
Charles McCord	KK4TKJ
Norm Schklar	WA4ZXV
Mike Parrott	N4MEP
Nick Doemland	KM4AAL
Charles Corriveau	K4YDB
Kevin Highsmith	KK4WOG
Ralph Pickwick	KJ4CNC

*Earl Whatley, AF4FG*

# Beginner's Corner

**THIS MONTH**, let's take a look at programming software. One of the nice things about modern radios is that they have microprocessors that handle a lot of the drudgery in setting up your radio. This is especially useful with VHF/UHF radios, where there are a lot of simplex frequencies, and a lot of repeaters. I own two HTs (Handy-talkies). One is a vintage Kenwood THG-71. It was a gift from a friend, and came already programmed. I wanted to change some of the frequencies. Many modern radios have upwards of 200 memory channels. I have over 100 channels filled in each of my HTs. When you purchase an HT, there will be an instruction book that comes with it. It will tell you how to input channels, enter the offset frequencies for repeaters are, and the tone (usually called a PL or CTSS tone) for a repeater. We have discussed where to get this information earlier. It is good to know how to program your radio manually, but when entering over 100 channels, this becomes very tedious and time consuming.

## A BETTER WAY

I found programming software for my TGH-71 on the Internet. It was just a basic program, and lacked some features that I would have liked, but it does the job. I uploaded the frequencies into my computer after downloading the software, and have been able to make changes as needed. I could not find programming software for my newer Yaesu VX-100 on the web, but a commercial version was available. It was much nicer than the software for my other HT. Adding frequencies is a snap.

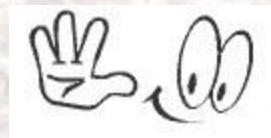
## OTHER IDEAS

I have been told by the owners of the Chinese radios that it was a good idea NOT to use the manuals. Instead there is a web site for a program called CHIRP. CHIRP is a free, open-source tool for programming your amateur radio: <http://chirp.danplanet.com/projects/chirp/wiki/Home>. This software supports a large number of manufacturers and models, as well as provides a way to interface with multiple data sources and formats. Check it out!

## Cool Web Sites for New Hams:

### 65 Great Things

[http://www.cq-amateur-radio.com/cq\\_great\\_things.html](http://www.cq-amateur-radio.com/cq_great_things.html)



### Getting started on 2 Meter FM, Part 1

<https://www.youtube.com/watch?v=jmOfkdhJL1U>

### Getting started on 2 Meter FM, Part 2

<https://www.youtube.com/watch?v=FrRLBPhwauS>

### Getting started on 2 Meter FM, Part 3

<https://www.youtube.com/watch?v=T1PtDM3II3Q>

### Offer for new hams

[http://www.cq-amateur-radio.com/cq\\_offer\\_new\\_ham.html](http://www.cq-amateur-radio.com/cq_offer_new_ham.html)



73 de *David Harden, KJ4CMY*

# Remembering KJ4DRW

Tuesday evening, while conducting business at the GARS Executive Committee meeting, one of us was checking our emails and saw the message from Paul Kelly to the GARS Yahoo group that Louis, KJ4DRW had passed away. Needless to say, we were all shocked. We had just seen Louis at Field Day, and spoken with him on the ARES Net the night before our meeting. It is hard to even grasp that Louis is gone. To quote some who replied to the “reflector”:

“I’m so sad to hear this. I just saw him at Field Day. Louis was my first contact on my mobile 2m when I first bought it. I was so excited. Another time, he told me to put a round pizza pan on the top of my Jeep as a ground for my mag mount antenna. He kept all sorts of plugs and stuff in his truck for emergencies. A totally awesome guy.”

Allison—KZ3JFY

“I just don’t have the words to express how upset I am at the passing of Louis. He and Helen were at Field Day this weekend and then he was state net liaison on the ARES net yesterday. Such a complete shock to hear he is gone today. Louis will be deeply missed.”

73, Kyle—W4KDA

Here is his Obituary:

Ira “Louis” Shulman, age 68 of Peachtree Corners, GA passed away Tuesday, July 1, 2014. He was a charter member of Johns Creek Presbyterian Church, Ham Radio Operator (KJ4DRW) and a past graduate of Beulah Heights College. A Funeral Service will be held at 2:00 PM on Sunday, July 6, 2014 at Johns Creek Presbyterian Church with Rev. Dr. C. Gray Norsworthy officiating. Burial will take place at 12:00 PM on Monday, July 7, 2014 at Georgia National Cemetery. The family will receive visitors on Saturday, July 5, 2014 from 5:00 pm to 7:00 pm at Crowell Brothers Funeral Home. Louis is preceded in death by his son Jeff Shulman. He is survived by his wife of 24 years, Helen Weller-Shulman; daughters, Tamara Young (Richard) of Waycross, GA, Christy Young (Don) of Waycross, GA, Lee Weller of Lawrenceville, GA and Lynne Andrews of Cumming, GA; Daughter-in-law, Angela Shulman of Waycross, GA; 8 grandchildren. He enjoyed spending time with his family and volunteering at his church working the sound system. In addition to wood working, he was an active member of the Ham Radio Operator community. Louis is a veteran of the United States Army and proudly served his country. In lieu of flowers, donations may be made to the American Diabetes Association. On-line condolences can be made at [www.crowellbrothers.com](http://www.crowellbrothers.com). Arrangements by Crowell Brothers Funeral Home Peachtree Chapel, 5051 Peachtree Industrial Boulevard, Peachtree Corners/Norcross, Georgia 30092. 770-448-5757.

## Service

2:00 pm July 06, 2014

Johns Creek Presbyterian Church  
Johns Creek, GA



## Visitation

5:00 pm to 7:00 pm July 05, 2014

Cowell Brothers Funeral Home Peachtree Chapel  
5051 Peachtree Industrial Blvd  
Peachtree Corners, GA 30092

## Burial

12:00 pm July 07, 2014

Georgia National Cemetery  
Canton, GA

# GARS Membership Page

## New GARS Members in May

**Charles Allen (KM4AYM)**

**Christopher Bagby (KM4BOP)**

**Douglas Rink (KK4VBN)**

## New Members: 3

**Total Members as of July 1, 2014  
- 275-**

Join us for our weekly breakfast gathering at

7:30 AM most Saturdays at:

Golden Corral  
2155 Riverside Parkway  
Lawrenceville, GA 30043  
[\(Directions\)](#)

Also, before our Tuesday meeting you are invited to join other GARS members and guests dining at:

The Flying Machine (starting about 5:30 PM)  
510 Briscoe Blvd. NE  
Lawrenceville, GA  
[\(Directions\)](#)

**The following members are celebrating birthdays in July:**

**HAPPY BIRTHDAY!!  
From All of Us at GARS**

Richard Barnes (W4IXN)  
James Boyd (KB9VTM)  
Bill Cherepy (WB4WTN)  
William (Bill) Cohl (WB2PIH)  
Jeffery Cutchins (AB4HF)  
Randy Drescher Jr (K4HS)  
Diane Gibson (N3MAD)  
Brian Jones (KD4UYP)  
Terry Jones (W4TL)  
Paul Kelley (W4KLY)  
Sherwin Levinson (K4SML)  
Charlotte Matchette (KE4OSR)  
Rob Osattin (KI4UTY)  
William (Bill) Pierce (K1LP)  
Kelly Rennier (KK4GLK)  
Lowry Rouse Jr (KM4Z)  
James Thompson (KK4WET)  
Sid Weaver (N4NQ)  
Randy Woolery (KK4CRL)



## GARS MEMBERSHIP

Your current GARS membership status is shown in the monthly newsletter email towards the bottom .

To become a GARS member, or to renew your GARS membership, please visit our website—<http://www.gars.org>

To make changes to your GARS membership (moved, new email address, new phone number, etc.), please email the Membership Committee - [membership@gars.org](mailto:membership@gars.org)

You can **renew or update** your Amateur Radio license information with the FCC at their website for free  
<http://wireless.fcc.gov/uls/index.htm?job=home>

To update your ARRL information, please visit their website - <http://www.arrl.org>

**Membership Chairman:** Karen Albritton, KI4HPP  
Committee Members: Richard Atkin, KJ4ZTY.

# Net Managers Corner

Hello everyone, from N4LNE, GARS Net Manager.

## GARS NEEDS YOUR HELP

GARS is a great Amateur Radio service club and we have the membership and awards to prove it. Our club is a very busy and active club and we use the Monday night net to get the information out to our members. We need weekly participation to make our net function and to keep them interesting. We have a very small group of very dedicated people that make the net happen each week but we need more help.

Out of over 250 members we have only eight primary people that run every Monday Night Net. In no particular order they are:

Norm - WA4ZXV	Mitch - N0DIM
Hal - W4IGE	Don - KK4VLO
Ray - N4GYN	
Sandy - KJ4DRO	
John - WB4QDX	
Bill - KK4AUA	

I need 40 people to fill NCS and ANCS positions. The schedule is planned and posted months in advance and is flexible. If your plans change we can and do make adjustments to make it work, and I make those changes happen as soon as I am notified of a problem. I also send out reminders each week to let you know you are scheduled for the next Monday night net. In short we make it simple. All you need to do is show up, read the script, take a few notes and forward the information to me for record keeping.

Please lend a hand and contact me at the monthly GARS meeting or by sending me a message via the [Mentors & Elmers](#) page on the web site at [www.gars.org](http://www.gars.org). Signup to help support the effort that makes GARS the great club that it is.

73' See you on the Nets!

*Phil McCleary, N4LNE*

Net Manager



### Upcoming TOPICS for the "KNOW IT ALL" Net Wednesday nights, 8:30-9:30 pm

- July—02 Field Day
- July—09 Audio
- July—16 Portable operation
- July—23 Mobile operation
- July—30 DX Expeditions

Everyone is having great fun on this net! Come join us and become a "KNOW IT ALL".

**TIME: 8:30 every Wednesday evening on the GARS repeater - 2m 147.075 +, PL 82.5**

**6m 53.110 - No Tone**

**70cm 442.100 + PL 100.0**

## ARRL CONTESTING INFO

( All names of contests are Links in .pdf version)

**July**

12-13 [IARU HF World Championship](#)

**August**

2-3 [August UHF](#)

16-17 [10 GHz & Up – Round 1](#)

17 [Rookie Roundup – RTTY](#)



**September**

13-15 [September VHF](#)

20-21 [10 GHz & Up– Round 2](#)

**October**

11-12 [EME - 2.3 GHz & Up](#)

20-24 [School Club Roundup](#)

**November**

1-3 [Nov. Sweepstakes – CW](#)

8-9 [EME - 50 to 1296 MHz](#)

15-17 [Nov. Sweepstakes – Phone](#)

## July—IARU HF World Championship

**Objective:** to contact as many other amateurs, especially IARU member society HQ stations, around the world as possible using the 160, 80, 40, 20, 15 and 10 meter bands.

## 2014 August UHF is August 2-3!

**Objective:** To work as many amateur stations in as many 2 degrees by 1 degrees grid squares as possible using authorized amateur frequencies above 222 MHz and all authorized modes of emission.

## 10 GHz & Up—Round 2

The objective of 10 GHz and Up is for North American amateurs work as many amateur stations in as many different locations as possible in North America on bands from 10-GHz through Light. Amateurs are encouraged to operate from more than one location during this event. See the detailed rules for restrictions.

Operations may take place for 24 hours total on each contest weekend. Each weekend begins at 6:00 AM local Saturday though 12:00 midnight local Sunday.

## HAMFEST CALENDAR

### Southeast US

**07/26/2014 | [Cullman ARC Hamfest](#)**

**Location:** Cullman, AL

**Type:** ARRL Hamfest

**Sponsor:** Cullman Amateur Radio Club

**Website:** <http://cullmanarc.webs.com/>

**08/16/2014 | [Southeastern Division Convention \(Huntsville Hamfest\) - "REGIONAL ARRL CENTENNIAL EVENT"](#)**

**Location:** Huntsville, AL

**Type:** ARRL Convention

**Sponsor:** Huntsville Hamfest Association

**Website:** <http://www.hamfest.org>



**10/11/2014 | [ARC of Augusta, GA Hamfest](#)**

**Location:** Blythe, GA

**Type:** ARRL Hamfest

**Sponsor:** Amateur Radio Club of Augusta

**Website:** <http://www.theamateurradioclubofaugusta.org>

**10/11/2014 | [La Grange Hamfest](#)**

**Location:** LaGrange, GA

**Type:** ARRL Hamfest

**Sponsor:** La Grange Amateur Radio Club

**Website:** <http://www.lagrangeadioclub.org>

**11/01/2014 | [Georgia State Convention \(Stone Mountain Hamfest\)](#)**

**Location:** Lawrenceville, GA

**Type:** ARRL Convention

**Sponsor:** Alford Memorial Radio Club

**Website:** <http://stonemountainhamfest.com>

# BSA Venture Crew 73 Wants You!

IF YOU are between 14 and 21 years old, enjoy outdoor activities, and have an interest in radio technology,

## Venture Crew 73 is for you.

- Venture Crews are part of the Boy Scouts of America.
- *Venture crew 73 is chartered by the Gwinnett Amateur Radio Society.*
- Venture crew 73 is coed.
- *Meetings are on the second Tuesday of the month, 7:00 pm, at EAA 690 Hangar at:  
Briscoe Field - Sports Aviation Complex  
Hangar 1, 690 Airport Road  
Lawrenceville, GA 30045*
- Crew 73 is a youth-run organization, which means that our Crew President and other youth plan the Crew's outings and activities each month.

We enjoy:

- ◊ Camping
- ◊ Hiking
- ◊ Horseback Riding
- ◊ Shooting Sports

- Crew activities usually mix high adventure and the use of Amateur Radio.
- For more information, attend our next meeting or contact:

### Steve Back, WB2OGY

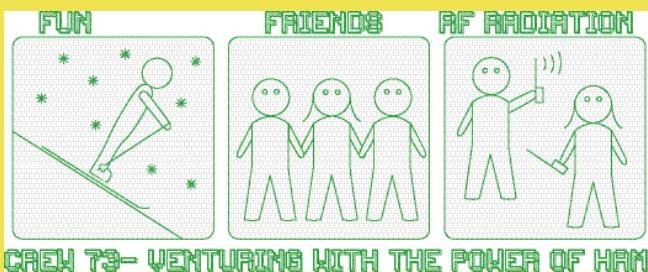
Venture Crew 73 Committee Chairman  
Phone: 770-712-9069

Email: [committeechair@venturecrew73.org](mailto:committeechair@venturecrew73.org)

### Jeff Lee, AF4JL

Venture Crew 73 Advisor  
Phone: 678-475-3165

Email: [advisor@venturecrew73.org](mailto:advisor@venturecrew73.org)



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Mike Weathers, ND4V  
Vice President



Allison Lynch, KZ3JFY  
Secretary



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Dave Bruse, W4DTR  
Ham Exam Team Leader



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Webmaster, Field Day Chairman



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W4GR Trustee



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Repeater Chairman



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WAS-Checker, Historian



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Mike Swiderski, K4HBI  
Technical Advisor



### DIRECTORS

Kyle Albritton W4KDA



David Adcock KA4KKF



Norm Schklar WA4ZXV



## KJ4DRW Remembered



## GARS Recurring Calendar

- ♦ Monthly club meeting is the 2nd Tuesday of the month at 7 pm
- ♦ Every Monday at 8 pm: GARS Want, Swap, Sell, and Information Net on the GARS 2-meter repeater
- ♦ Every Wednesday at 8:30 pm: GARS Know It All Net on the GARS 2-meter repeater
- ♦ Every Thursday at 9 pm: GARS Round Table Net, 2 & 6 Meters

Every Saturday at 7:30 am: GARS Weekly Family Breakfast, Golden Corral Restaurant, Riverside Drive, Lawrenceville

## Meeting Minutes for June 10, 2014

- Rick N4XYY started the meeting at 7:00 p.m.
- First time visitors were recognized and introductions of attendees were made.
- Sid N4NQ gave the treasurer's report, which was accepted.
- Karen KI4HPP gave the membership report: GARS has 284 members.
- Mike KK4KHS announced that the July upcoming program will be about quadcopters and Ham Radio. There will be a drawing and the winner will get a ride in a quadcopter.
- Earl AF4FG announced the May Madness winner and those with the top 10 scores.
- The 2014 Dayton Hamvention Club of the Year award was present for viewing.
- Ice cream and cake was served.
- Steve WB2OGY thanked GARS members for teaching a class for Crew 73.
- Dave W4DTR reminded everyone that the technician exam question pool expires June 30<sup>th</sup>. See Dave if you have questions or need more information.
- David KA4KKF gave a great program about Field Day.
- A drawing was conducted and prizes awarded.
- There were 69 attendees present.
- The meeting adjourned at 8:05 p.m.

*Allison Lynch, KZ3JFY, Secretary*



## Another Picture From Radio's Past

What is it?  
Do you know?

Click the  
picture for  
a larger  
view



**GARS CALENDAR OF EVENTS JULY 2014**

MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY	SUNDAY
	1 6:30 - 8:00 pm GARS Exec Meeting	2 8:30 - 9:30 pm GARS Know-It-All Net	3	4 <b>INDEPENDENCE DAY!</b>	5 7:30 - 9:30 am Breakfast at Golden Corral Riverside Drive	6
7 8:00 - 8:30 pm GARS 2m Net	8 5:00 - 6:30 PM Dinner @ Flying Machine 7:00pm -9:00pm GARS Meeting	9 8:30 - 9:30 pm GARS Know-It-All Net	10	11	12 7:30 - 9:30 am Breakfast at Golden Corral Riverside Drive	13
14 8:00 - 8:30 pm GARS 2m Net	15	16 8:30 - 9:30 pm GARS Know-It-All Net	17	18	19 7:30 - 9:30 am Breakfast at Golden Corral Riverside Drive	20
21 8:00 - 8:30 pm GARS 2m Net	22	23 8:30 - 9:30 pm GARS Know-It-All Net	24	25	26 7:30 - 9:30 am Breakfast at Golden Corral Riverside Drive	27
28 8:00 - 8:30 pm GARS 2m Net	29	30 8:30 - 9:30 pm GARS Know-It-All Net	31			

Metro Testing Sessions	Ham Exam Results	Metro Club Meetings
<p>GARS publishes Metro Atlanta VE exam schedules as a service and is not responsible for errors or changes. Call and confirm schedules before going. All sessions are walk-in. Take copies of current license and certificate of completed elements with you to all sessions. Find additional sessions online at <a href="http://www.arrl-ga.org">http://www.arrl-ga.org</a>.</p> <p><b>First Sunday, ODD Months</b> 2 pm (Jan, Mar, May, Jul, Sep, &amp; Nov) WCARS VEC Braselton Public Utility Building 4986 Highway 53, Braselton, GA Roger Gibson, WB4T (770) 271-4210 or (770) 712-9560 <a href="mailto:w4rlg@bellsouth.net">w4rlg@bellsouth.net</a></p> <p><b>First Sunday, EVEN Months</b> 2 pm (Feb, Apr, Jun, Aug, Oct, Dec) WCARS VEC Hall County EOC 470 Crescent Dr. Gainesville, Ga. Perry Roper, KO4RD (770) 536-3056</p> <p><b>Second Saturday, ODD Months</b> ARRL VEC 8:30 a.m. Stone Mountain Methodist Church 5312 West Mountain St. Stone Mountain Bob Varone, W4ETN (770) 978-3179</p> <p><b>Second Sunday</b> VEC: W5YI 2 pm Gwinnett County Fire Station #5 3001 Old Norcross Road Duluth, GA 30096 Contact: Dave Bruse, W4DTR Email: <a href="mailto:exams@gars.org">exams@gars.org</a></p> <p><b>Third Saturday</b> VEC: W5YI 2 pm (Except December) Lifeway Church 1654 Atlanta Highway #109 Steve Donellan, N5SMD (404) 520-0368 Email: <a href="mailto:n5smd@comcast.net">n5smd@comcast.net</a></p> <p>(cont. next column)</p>	<p>We had an excellent Exam Session today, June 8<sup>th</sup></p> <p>9 out of 9 applicants passed!</p> <p><u>Ham exam session results:</u></p> <ul style="list-style-type: none"> <li>- 6 new Technicians</li> <li>- 1 new General/Technician 2fer</li> <li>- 1 upgraded to General</li> <li>- 1 upgraded to Extra</li> </ul> <p><u>Thanks to the VEs who made this exam session possible:</u></p> <ul style="list-style-type: none"> <li>- Bob Pursley, WD4KQQ</li> <li>- Steve Back, WB2OGY</li> <li>- Frank Haynes, KV4SP</li> <li>- Bill Cherepy, WB4WTN <ul style="list-style-type: none"> <li>- Jim Webb, W4NTA</li> </ul> </li> <li>- Mark Fehlig, WA6NGC (Co-CVE)</li> <li>- Karen Whited, KJ4VQI</li> <li>- Lawrence Whited, WB4FGF</li> </ul> <p>Thanks &amp; 73,</p> <p><i>Mark G. Fehlig,</i> WA6NGC Co-CVE Email: <a href="mailto:exams@gars.org">exams@gars.org</a></p> <p>GARS VE Website: <a href="http://groups.yahoo.com/group/GARS_VE_Team/">http://groups.yahoo.com/group/GARS_VE_Team/</a></p> <p><b>Fourth Tuesday</b> ARRL VEC 7 pm @ United Way Service Center 6279 Fairburn Rd., Douglasville Jessie Clower, KB4WFK (770) 942-6466</p> <p><b>Fourth Sunday</b> 2:30 pm Georgia Tech VanLeer Elec. Building Rm. W218, 777 Atlantic Dr. See <a href="http://www.w4aql.com">www.w4aql.com</a> Alexander G. Carver (404) 894-2936 <a href="mailto:acarver@ece.gatech.edu">acarver@ece.gatech.edu</a></p>	<p><b>First Tuesday</b> Kennehoochee ARC Downtown Marietta Fire Station #1, Training Room 112 Haynes Street Marietta, Georgia 30060 Meeting begins at 7:00pm Talk In 146.880(-)</p> <p><b>First Thursday</b> Atlanta Radio Club Georgia Red Cross HQ 1955 Monroe Dr., Atlanta Meeting is at 7:30pm Talk In - 146.820(-) N.E. Georgia ARC Commerce Public Library Meeting is at 6:30pm Talk In - 147.225(+) PL 123.0</p> <p><b>Second Monday</b> Georgia Tech ARC Room W218 Van Leer Electrical Engineering Bldg. Georgia Tech Campus Meeting at 7:00pm</p> <p><b>Second Thursday</b> Alford Memorial Radio Club Annistown Road Baptist Church Intersection of Annistown Rd &amp; Spain Rd Stone Mountain Dinner at 6:00pm Meeting at 7:30pm Talk In - 146.760(-)</p> <p><b>Second Saturday</b> North GA QRP Club Board Room of The Shepherd Center at 2020 Peachtree Rd, NW, Atlanta at 10:00 AM</p> <p><b>Third Tuesday</b> North Fulton Amateur Radio League Alpharetta Recreation &amp; Parks Dept Alpharetta Adult Activity Center 13450 Cogburn Road Alpharetta, GA 30004 meeting at 7:30pm Talk In - 145.47(-) For more, go to: <a href="http://www.gars.org/">http://www.gars.org/</a></p>

# Nearly 50 Years In Ham Radio

(Continued from page 7)

learned the code and a local ham gave me the Novice test, and I became WN4FGW in February, 1967. I later became WB4FGW having made the trip to FCC offices in Tampa myself. Dad and I spent many years operating together. We initially used the Viking Ranger I was given for Christmas in 1966 before I was licensed. We would later use a Swan 500, a Drake TR-3, and a Drake TR-4C. While we had our share of dipoles, my favorite antenna was the "HyQuad" from Hy-Gain that we had up about 60 feet on a tower. Between us, we accumulated contacts with about 285-290 countries which was pretty darn good at the time. One particular memory of mine was when I spent an entire Christmas Eve phone-patching servicemen in McMurdo Sound (Antarctica) to their family/s in the states.

We lost Dad in October, 1975. He was actually on the air in Sarasota when he died doing what he loved. I had graduated from Florida State in 1973, and was I living in Miami with my first job as a federal bank examiner. With marriage in 1974, I was having a bit of a lapse with the hobby which became more pronounced. It would become further pronounced when I was transferred to Metro-Atlanta in 1976. We had three kids and I coached

all of them in sports with two of the three winning multiple state championships at Parkview High School. I did get back into the hobby and when I moved to Lilburn/Stone Mountain, I joined Alford Memorial Radio Club and eventually GARS in the early 90's. I stayed active with GARS and served as Treasurer for many years. I finally got my Extra and became AC4PD and with the vanity opening, got Dad's K4HS in 1995. This span from the 1990's was a great period for me, and I did a tremendous amount of HF mobile as I did a lot of traveling with the bank consulting business I had established in 1989, and still run to this day. The last major thing I did was the infamous "Y2K" – where GARS volunteers helped staff Fire and Police stations on New Years' Eve. Then guess what? I had another hiatus vacation from the hobby. The vacation ended in April, 2013 when I picked up an FT-950, rejoined GARS, and a few gracious GARS folks helped me get an antenna back up.

I could write a book, let alone an article, about my Ham Radio experiences over time. I hope you enjoy this brief synopsis.

*Randy, K4HS*

## The GARzette

The *GARzette* is the official monthly newsletter of the Gwinnett Amateur Radio Society, serving its members and other persons interested in the advancement of the Amateur Radio art.

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If possible, bring your articles to the monthly meeting in Microsoft Word or rich text (.rtf) or text or HTML format or by email to n4gyn@arrl.net. Artwork can be accepted in most any graphics format and can be submitted via email to the same address. Alternate means of submittal can be arranged when necessary.

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*The GARzette* is published each month with the assistance of Norm Schklar, WA4ZXV who prints copies for distribution at meetings, etc. and Dave Bruse, W4DTR, who distributes the news letter electronically.

Deadline for submissions is the 28th of each month for inclusion in the following month's issue.

For additional information view our Website at: <http://www.gars.org>

Newsletter Editor: Ray Bailey—N4GYN  
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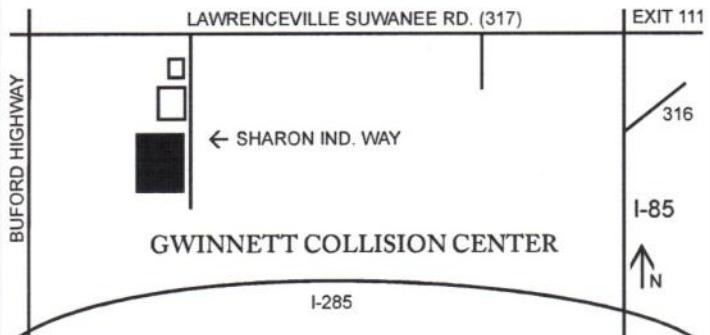
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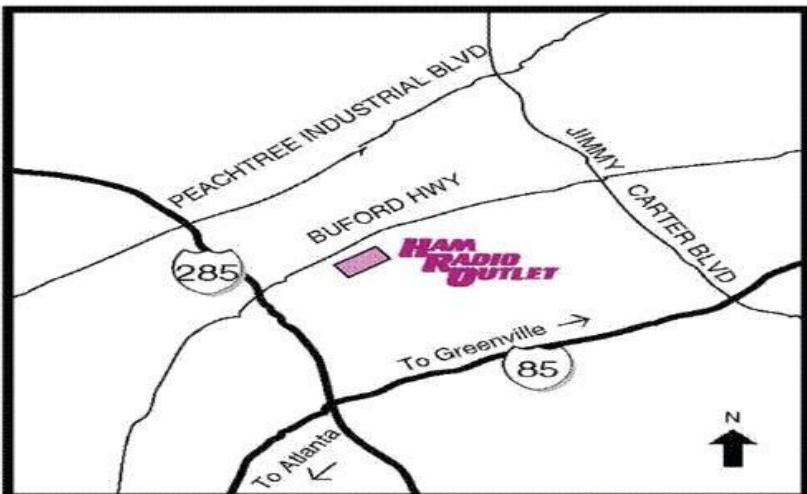
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